

CALIFORNIA PUBLIC UTILITIES COMMISSION (CPUC)

SMART INVERTER WORKING GROUP WORKSHOP ON ADOPTION OF PHASE 2 AND 3 RECOMMENDATIONS PER D.16-06-052

Public Workshop in Accordance with Electric Tariff Rule 21 Interconnection Proceeding (R. 11-09-011)



Date: Thursday, November 17, 2016
Time: 10:30 AM to 2:30 PM (PST)

Hearing Room E, California Public Utilities Commission
505 Van Ness Avenue | San Francisco, CA 94102

Conference Phone Line: 866-830-4003
Participant Passcode: 986 9619

Web-Ex Information:

<https://van.webex.com/van/j.php?MTID=m6d3ba6ac0635d415c800b9344d29c6cc>

Meeting number: 749 614 660

Meeting password: !Energy1

CPUC Guest WiFi Information:

SSID: CPUCGUEST

Username: guest

Guest Password for November: cpuc103116

The **Objectives** of this workshop are to:

- **Provide guidance to the utilities for their D.16-06-052 compliance filings adopting SIWG recommendations, due December 20th.** Pursuant to Decision 16-06-052, the IOUs are required to file separate Tier 3 advice letters proposing revisions to Tariff Rule 21 regarding any agreed-upon technical requirements, testing and certification processes, and effective dates for Phase 2 communication protocols and Phase 3 additional advanced inverter functions by December 20, 2016. In the absence of consensus on these functions, the IOUs are directed to file a status report and work plan. D.16-06-052 encouraged the SIWG to reconvene as necessary in advance of the advice letter filings in order to reach consensus on the proposed revisions.
- **Clarify the SIWG's charter is limited to making technical recommendations and discussions of compensation mechanisms are outside of scope for the working group.** This compliance filing is about what is technically feasible and beneficial for smart inverters to include. It is not about how or when to use these functions or how to compensate for their services. Those issues are very important to the successful adoption of smart inverter capabilities, but will be addressed in another proceeding.

Agenda

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| A. | Introduction and Background; Overview of D.16-06-052 Compliance Requirements
<i>Energy Division Staff</i> | 10:30 AM – 10:40 AM |
| B. | Electric Program Investment Charge (EPIC) Smart Inverter Projects
<i>California Energy Commission Staff</i> | 10:40 AM – 10:50 AM |
| C. | Phase 2 Recommendations and State of WG Consensus
<i>Gregory Smith, San Diego Gas and Electric (SDG&E)</i> | 10:50 AM – 11:05 AM |

D.	Implementation and Testing of Phase 2 Communications <i>Gordon Lum, Kitu Systems</i>	11:05 AM – 11:20 AM
E.	Phase 2 Certification Developments <i>Thomas Tansy, SunSpec Alliance</i>	11:20 AM – 11:30 AM
F.	Working Group Discussion on Phase 2 Recommendations <ul style="list-style-type: none"> • <i>By what date should smart inverters be required to be capable of Phase 2 functions?</i> • <i>Are there outstanding TECHNICAL issues that need to be discussed before utilities submit tariff revisions on December 20th? (E.g. cybersecurity)</i> 	11:30 AM – 12:15 PM
G.	Lunch Break	12:15 PM – 1:00 PM
H.	Implementation of Rule 21 Advanced Inverter Revisions <i>Frances Bell, SolarCity</i>	1:00 PM – 1:20 PM
I.	Phase 3 Recommendations and State of WG Consensus <i>Roger Salas, Southern California Edison (SCE)</i>	1:20 PM – 1:35 PM
J.	Working Group Discussion on Phase 3 Recommendations: Creating a Path Forward <ul style="list-style-type: none"> • <i>What should the process be for resolving Phase 3 issues in advance of utilities filing tariff revisions? (E.g. biweekly WG calls January-March 2017 facilitated by an independent expert)</i> 	1:35 PM – 2:15 PM
K.	Recap and Next Steps <i>Energy Division Staff</i>	2:15 PM – 2:30 PM

Other Information: For procedural details related to the Smart Inverter Working Group, please refer to Decision (D.) 16-06-052 of Electric Tariff Rule 21 Interconnection proceeding (R.11-09-011) issued on June 23, 2016. The contact persons for this workshop and proceeding are Mary Claire Evans and Jeffrey Kwan in the Commission's Energy Division. They can be reached at maryclaire.evans@cpuc.ca.gov and jeffrey.kwan@cpuc.ca.gov.